AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1-10. (Cancelled)

11. (New) An impact sensor configured for a self-test, the impact sensor comprising:

a sensor element for providing a first signal;

a filter for receiving the first signal of the sensor element; and

an arrangement for carrying out a filter correction dependent on a response signal of the filter to a test signal.

12. (New) The impact sensor according to claim 11, wherein the filter correction is realized as a software filter.

13. (New) The impact sensor according to claim 11, wherein the filter correction is realized as a parametrization of a triggering algorithm for restraint means.

14. (New) A method for testing an impact sensor, comprising:

supplying a filter of the impact sensor that is used for a filtering of a first signal of a sensor element with a test signal; and

using a response signal of the filter thereto for a filter correction.

15. (New) The method according to claim 14, wherein the filter correction is achieved using a software filter, the software filter being connected subsequent to the filter.

16. (New) The method according to claim 14, wherein the filter correction is achieved through a parametrization of a triggering algorithm for restraint means.

17. (New) The method according to claim 15, wherein the software filter is used by one of the impact sensor and a control device.

18. (New) The method according to claim 14, wherein the filter correction is carried out after a reset of the impact sensor.

18. (New) The method according to claim 14, wherein the filter correction is carried out after a reset of the impact sensor.

19. (New) The method according to claim 14, further comprising producing a second signal dependent on an evaluation of successive filter corrections.

20. (New) The method according to claim 14, wherein a step function is used as the test signal.